EQUATION 13-1 Target UA_t

 $\begin{aligned} UA_t &= U_{rat}A_{rat} + \ U_{ograt}A_{ograt} + U_{ort}A_{ort} + U_{ogort}A_{ogort} + U_{wt}A_{wt} + U_{vgt}A_{vgt} + U_{dt}A_{dt} + U_{ft}A_{ft} + F_{st}P_{st} + \\ & U_{bgwt}A_{bgwt} \end{aligned}$

Uat = The target combined specific heat transfer of the gross roof/ceiling assembly, exterior wall and floor area.

Where:

 U_{rat} = The thermal transmittance value for roofs over attics found in Table 13-1 or 13-2.

U_{ograt} = The thermal transmittance for overhead glazing found in Table 13-1 or 13-2 which corresponds to the proposed total glazing area as a percent of gross exterior wall area.

 U_{ort} = The thermal transmittance value for other roofs found in Table 13-1 or 13-2.

U_{ogort} = The thermal transmittance for overhead glazing found in Table 13-1 or 13-2 which corresponds to the proposed total glazing area as a percent of gross exterior wall area.

 U_{wt} = The thermal transmittance value for opaque walls found in Table 13-1 or 13-2.

 U_{vgt} = The thermal transmittance value for vertical glazing found in Table 13-1 or 13-2 which corresponds to the proposed total glazing area as a percent of gross exterior wall area.

 U_{dt} = The thermal transmittance value for opaque doors found in Table 13-1 or 13-2.

Uft = The thermal transmittance value for floors over unconditioned space found in Table 13-1 or 13-2.

 F_{st} = The F-factor for slab-on-grade and radiant slab floors found in Table 13-1 or 13-2.

 $U_{bgwt} = The thermal transmittance value for opaque walls found in Table 13-1 or 13-2.$

 A_{dt} = The proposed opaque door area, A_{d} .

 A_{ft} = The proposed floor over unconditioned space area, A_f .

 P_{st} = The proposed lineal feet of slab-on-grade and radiant slab floor perimeter, P_{s} .

 $A_{bgwt} = The proposed below grade wall area, <math>A_{bgw}$.

and;

if the total amount of glazing area as a percent of gross exterior wall area does not exceed the maximum allowed in Table 13-1 or 13-2:

 A_{rat} = The proposed roof over attic area, A_{ra} .

A_{Ograt} = The proposed overhead glazing area in roofs over attics, A_{Ogra}.

 A_{ort} = The proposed other roof area, A_{or} .

 A_{Ogort} = The proposed overhead glazing area in other roofs, A_{Ogor} .

 A_{Wt} = The proposed opaque above grade wall area, A_{W} .

 A_{vgt} = The proposed vertical glazing area, A_{vg} .

or;

if the total amount of glazing area as a percent of gross exterior wall area exceeds the maximum allowed in Table 13-1 or 13-2:

 A_{rat} = The greater of:

the proposed roof over attic area, and the gross roof over attic area minus $A_{\mbox{\scriptsize ograt}}.$

 $A_{ograt} = The lesser of:$

proposed overhead glazing area in roofs over attics, and the maximum allowed glazing area from Table 13-1 or 13-2.

 A_{ort} = The greater of:

the proposed other roof area, and the gross other roof area minus A_{Ogort}.

 $A_{ogort} = The lesser of:$

the proposed overhead glazing area in other roofs, and the maximum allowed glazing area from Table 13-1 or 13-2 minus A_{ograt} .

 A_{Wt} = The greater of:

proposed opaque above grade wall area, and the gross exterior above grade wall area minus $A_{\mbox{\scriptsize d}t}$ minus $A_{\mbox{\scriptsize vgt}}.$

 A_{vgt} = The lesser of:

the proposed vertical glazing area, and the maximum allowed glazing area from Table 13-1 or 13-2 minus A_{ograt} minu